1.   ~~(Twice Amended) A method of downloading an application to a receiver/decoder,~~ comprising:

receiving a bitstream including the application in interpretative code;

downloading into the receiver/decoder a loader in native code for loading the application in interpretative code from the bitstream; and

downloading the application in interpretative code in the receiver/decoder from the bitstream using said downloaded data loader in native code.

2.   (Amended) The method according to Claim 1, wherein the downloaded data loader is deleted from the receiver/decoder after the application has been downloaded from the bitstream.

3.   (Amended) The method according to Claim 1, wherein the downloaded data loader is subsequently stored in non-volatile memory of the receiver/decoder.

4.   (Amended) The method according to Claim 3, wherein the non-volatile memory is a Flash memory volume of the receiver/decoder.

6.   (Twice Amended) The method according to claim 1, wherein a portion only of the application stored in the receiver/decoder is replaced by a corresponding portion of the application downloaded by the downloaded data loader.

9.   (Twice Amended) The method according to Claim 44, further comprising downloading module tables having the same TID.

13.   (Twice Amended) The method according to Claim 47, wherein the version identification comprises a code for the version of the receiver/decoder and a code for the manufacturer of the receiver/decoder.

19.   (Twice Amended) The method according to Claim 51, wherein at least part of the second data loader is in the form of native code.

20.   (Amended) A receiver/decoder comprising:

a receiver for receiving a bitstream including an application in interpretative code;

storage means; and

downloading means for downloading from the bitstream into the storage means a loader in native code for loading the application in interpretative code from the bitstream into the receiver/decoder.

21.   (Amended) The receiver/decoder according to Claim 20, further comprising means for deleting the downloaded data loader from the storage means after the application has been downloaded from the bitstream.

22.   (Amended) The receiver/decoder according to Claim 20, further comprising a non-volatile memory for storing the downloaded data loader after the application has been downloaded from the bitstream.

23.   (Amended) The receiver/decoder according to Claim 22, wherein the non-volatile memory is a Flash memory volume of the receiver/decoder.

25.   (Twice Amended) The receiver/decoder according to claim 20, wherein the downloaded data loader is adapted to replace a portion only of the application stored in the receiver/decoder by a corresponding portion of the application downloaded thereby.

26.   (Twice Amended) The receiver/decoder according to claim 20, arranged to download tables.

27.   (Amended) The receiver/decoder according to Claim 26, wherein said downloading means is arranged to download a table having a table identification ("TID") and a predetermined

4

table identification extension ("TID-extension") so as to download a directory table, to determine from the content of the directory table the TID-extensions of module tables having the same TID as the directory table, and to download the module tables having the same TID as that of the downloaded directory table and TID-extensions determined from the downloaded directory table so as to download said loader.

28.   (Twice Amended)   The receiver/decoder according to Claim 26, wherein said downloading means is arranged to download a directory table having a predetermined TID and containing, for each of a plurality of version identifications of a receiver/decoder, a respective TID associated with that version identification, to determine the version identification of the receiver/decoder, and to download a directory table having a TID associated with a version number of the receiver/decoder and a predetermined TID-extension.

29.   (Twice Amended)   The receiver/decoder according to Claim 27, wherein said downloading means is arranged to determine whether a directory version identification of a currently transmitted directory table is more recent than the directory version identification of a previously downloaded directory table having the same TID as the currently transmitted directory table, and if not, to abort the downloading of said loader.

31.   (Twice Amended)   The receiver/decoder according to claim 20, wherein said downloading means is arranged to download a second loader included in the application included in said bitstream for downloading one of the first-mentioned loader and the application.

34.   (Twice Amended)   The transmission system according to claim 53, wherein said tables have respective different TID-extensions other than a predetermined TID-extension; said system further comprising means for generating a respective directory tables for the plurality of modules having the same TID, each directory table having that TID and said predetermined TID-extension, the directory table containing for each of the modules a name of that module and the respective TID-extension.

35.   (Twice Amended)   The transmission system according to claim 52, further comprising:

means for generating a directory table having a predetermined table identification ("TID") and containing, for each of a plurality of version identifications of a receiver/decoder, a respective TID associated with that version identification.

36.   (Twice Amended)   The transmission system according to claim 52, further comprising means for including in each transmitted table a version identification therefor.

39.   (Amended) A signal including at least one loader for loading an application in native code into a receiver/decoder, and the application associated with the at least one loader, the at least one loader being divided into a plurality of modules and the application associated with the at least one loader being divided into a respective plurality of modules.

43.   (Amended) The method according to claim 1, wherein the bitstream includes at least one data loader, said method further comprising:

dividing the at least one data loader into a plurality of modules; and

dividing the application into a respective plurality of modules, each plurality of the application modules being associated with a respective plurality of data loader modules.

44.   (Amended) The method according to claim 43, further comprising:

formatting the plurality of data loader modules as respective tables, the tables having the same respective table identification ("TID") and respective different table identification extensions ("TID-extensions"); and

formatting the plurality of the application modules as a respective table, the tables having the same respective TID as the tables of the data loader modules associated therewith and respective different TID-extensions.

45.   (Amended) The method according to claim 9, wherein said tables have respective different TID-extensions other than a predetermined TID-extension, and further comprising:

6

generating a respective directory table for the plurality of modules having the same TID, the directory table having said predetermined TID-extension and the same TID, the directory table containing for the plurality of modules a name of a module and a respective TID-extension.

46. (Amended) The method according to claim 45, further comprising:

downloading one of the tables having the predetermined TID-extension so as to download a directory table;

determining from the content of the directory table the TID-extensions of the module tables having the same TID as the directory table; and

downloading the module tables having the same TID as that of the downloaded directory table and TID-extensions determined from the downloaded directory table.

47. (Amended) The method according to claim 1, further comprising:

generating a directory table having a predetermined table identification ("TID") and containing, for a plurality of version identifications of a receiver/decoder, a respective TID associated with that version identification.

48. (Amended) The method according to claim 13, further comprising:

downloading said directory table having the predetermined TID; and determining the version identification of the receiver/decoder, wherein downloading a directory table comprises downloading that one of the tables having a TID associated with a version number of the receiver/decoder and a predetermined TID-extension.

49. (Amended) The method according to claim 45, further comprising:

including in a transmitted directory table a directory version identification therefor;

determining at the receiver/decoder whether the directory version identification of a currently transmitted directory table is more recent that the directory version identification of a previously downloaded directory table having the same TID as said currently transmitted table; and

aborting downloading the data if the currently transmitted directory table is not more recent.

50.   (Amended) The method according to claim 1, further comprising:

including in the bitstream a data version identification of the data;

determining, at the receiver/decoder, whether the data version identification of received data is more recent than the data version identification of currently stored data; and

downloading the received data from the bitstream if the received data is more recent.

51.   (Amended) The method according to claim 1, further comprising:

transmitting a second data loader included in said bitstream;

downloading the second data loader, at the receiver decoder; and

downloading the data loader and the data using the second data loader.

52.   (Amended) A transmission system comprising:

means for transmitting a bitstream including at least one loader for loading an application in interpretative code into a receiver/decoder, and an application in native code associated with the at least one loader; and

means for dividing the at least one loader into a plurality of modules and dividing the application associated with the at least one loader into a respective plurality of modules for transmittal by said transmitting means.

53.   (Amended) The transmission system according to claim 52, further comprising:

means for formatting each of the modules of the at least one loader as a respective table, the table of the at least one loader having the same respective table identification ("TID") and respective different table identification extensions ("TID-extensions"); and

means for formatting each of the modules of the data associated with the at least one loader as a respective table, the table of the modules of data having the same respective TID as the tables of the loader modules associated therewith and respective different TID-extensions.

REMARKS

Please reconsider the application in view of the above amendments and the following remarks. The originally filed oath/declaration was considered to be defective because the citizenship of the inventor was not identified. A newly executed oath has been included in compliance with 37 CFR §1.67 (a). Entry of the new declaration is respectfully requested. Applicant thanks the Examiner for carefully reviewing this application. In view of the following remarks, the Applicant believes all claims to be in condition for allowance.

I. Disposition of Claims

Claims 1-6, 9, 13, 17, 19-31, 34, 37, 39, and 43-53 are pending in this application. Claims 1, 20, 39, and 52 are independent claims. The remaining claims depend, directly or indirectly, from claims 1, 20, 39, and 52. Claims 5, 17, 19, 24, 30, and 37 have been cancelled. Claims 1-4, 6, 9, 13, 19-23, 25-29, 31, 34-36, 39, 43-53 have been amended to more clearly recite the Applicant's invention. Particularly, claims 2-4, 6, 9, 13, 17, 19, 21-31, 34-37, 43-51, and 53 have been amended solely to correct informalities and not in view of prior art. No new matter has been added by way of these amendments.

II. Drawings and Specification

As per the Examiner's suggestion, Figure 12 has been amended to Figure 13 A, Figure 13 B, Figure 13 C, and Figure 13 D. The specification has been amended to reflect this